

International application No. PCT/JP03/08066

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> D01F6/74, D02G3/48, D07B5/06, D03D15/00, E04C5/07, B63H9/06, F41H1/02				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> D01F6/74, D01F6/94, C08L79/04-79/08, D02G3/48, D07B5/06, D03D15/00, E04C5/07, B63H9/06, F41H1/028				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926–1996 Toroku Jitsuyo Shinan Koho 1994–2003 Kokai Jitsuyo Shinan Koho 1971–2003 Jitsuyo Shinan Toroku Koho 1996–2003				
Electronic data base consulted during the international search (nam	e of data base and, where practicable, sear	ch terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
X JP 8-27623 A (Toyobo Co., Lt 30 January, 1996 (30.01.96), Claims; page 3, Par. No. [001 (Family: none)	·	1-18		
24 August, 1999 (24.08.99),	24 August, 1999 (24.08.99), Claims; page 5, Par. No. [0036]; table 2			
& EP 783603 A1 & EP	CAL CO.), 69513844 E 783603 B 9702304 A	1-18		
Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents:  "Occument defining the general state of the art which is not considered to be of particular relevance carlier document but published on or after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family				
Date of the actual completion of the international search 21 October, 2003 (21.10.03)  Date of mailing of the international search report 04 November, 2003 (04.11.03)				
lame and mailing address of the ISA/  Japanese Patent Office  Authorized officer				
Facsimile No.	Telephone No.			



A JP 2001-11311 A (Toyobo Co., Ltd.), 16 January, 2001 (16.01.01), Claims (Family: none)  A JP 2001-172845 A (Toyobo Co., Ltd.), 26 June, 2001 (26.06.01), Claims (Family: none)  1-18	16 January, 2001 (16.01.01), Claims (Family: none)  A JP 2001-172845 A (Toyobo Co., Ltd.), 26 June, 2001 (26.06.01), Claims	4	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
26 June, 2001 (26.06.01), Claims	26 June, 2001 (26.06.01), Claims		16 January, 2001 (16.01.01), Claims	1-18
		A	26 June, 2001 (26.06.01), Claims	1-18
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Internal application No. PCT/JP03/08066

<Subject of search>

Claims 1, 2, and 8-18 specify the polybenzazole fiber by means of characteristic values " a tensile strength retention, measured after exposure in an atmosphere of 80°C and 80% relative humidity for 700 hr, of --% or higher" and "a strength retention, measured after exposure to xenon radiation for 100 hr, of 50% or higher", and this definition comprehends an enormous scope. However, only some of claimed polybenzazole fibers are supported by the description within the meaning of PCT Article 6 and disclosed therein within the meaning of PCT Article 5

Therefore, this search has been limited to those supported and disclosed in the description, namely, polybenzazole fibers containing as an organic pigment any of insoluble azo dyes, condensed azo dyes, dye lakes, isoindolinones, dioxazines, perinone and/or perylenes, phthalocyanines and quinacridones.